



**US ARMY CORPS  
OF ENGINEERS  
St. Louis District  
Gateway to Excellence**

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# Public Notice

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Reply To:  
U.S. Army Corps of Engineers  
Attn: CEMVS-CO-F  
1222 Spruce Street  
St. Louis, MO 63103-2833

Public Notice No.

**P-2482**

Public Notice Date

**June 29, 2005**

Expiration Date

**July 19, 2005**

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**Postmaster Please Post Conspicuously Until:**

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File Number: 200101511

Interested parties are hereby notified that an application has been received for Section 10 and Section 404 Department of the Army authorization to install additional rip rap in the Mississippi River along portions of the existing Cape Girardeau Floodwall, as described below and shown on the attached figures.

**COMMENTS AND ADDITIONAL INFORMATION:** Comments on the described work should reference the U.S. Army Corps of Engineers Public Notice Number **P-2482** and must reach this office no later than the above expiration date of the Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers  
ATTN: CEMVS-CO-F ([Charles Frerker](#))  
1222 Spruce Street  
St. Louis, Missouri 63103-2833

**APPLICANT:** U.S. Army Corps of Engineers, Project Management Branch (USACE), 1222 Spruce Street, St. Louis, Missouri 63103-2833.

**LOCATION:** The project area is located along the left descending bank of the Mississippi River, between approximate river miles 51.6 and 52.8, in Cape Girardeau, Cape Girardeau County, Missouri. (See Attached Map).

**PROJECT DESCRIPTION:** The project consists of repairs to the existing Cape Girardeau Flood Protection system. The primary repair activity involves stabilization of the existing concrete retaining wall. Additional riprap would be placed in the Mississippi River to form a strengthening rock berm parallel to the existing flood protection structure. A berm constructed of A-stone grade riprap would be placed riverside of the retaining wall for a distance of approximately 1,607 feet. From elevation 336 NGVD, the rock berm will extend horizontally 20 feet from the retaining wall towards the river and then angle down to the river bottom on a 2:1 slope. Approximately 160,700 square feet of riverbank will be covered by riprap. The proposed rock berm would extend approximately 100 feet out from the retaining wall and terminate in the river at an approximate elevation of 292 NGVD. The shoreline along the floodwall, where the rock berm would be placed, already has a riprap base 60 feet from the retaining wall out towards to the river. No adverse changes in river hydraulics are anticipated by

constructing the berm. The rock berm will stabilize the retaining wall, which will in turn stabilize the foundation of the floodwall, preventing a future failure related to the retaining wall. The placement of riprap may help reduce costs and the environmental effects of channel maintenance. The rock berm would be designed to avoid significantly impact on the operation and maintenance of the existing Mississippi River gauging station. The stream gage is important to the Corps of Engineers, the City of Cape Girardeau and the Mississippi River industry. The hydrologic and meteorological information obtained from this gauging station is utilized on a continuous basis for daily Mississippi River forecasts, flood fight, drought activities and recreation activities. The berm design also accommodates the presence of the city's existing sewer outfall. No significant impacts to water quality are anticipated by placement of the rock berm. Rock will be placed directly on existing riprap and river bottom. No grading or contouring of the bank will occur; therefore, no sedimentation from shoreline soils should occur. In addition to stabilizing the concrete retaining wall, the rock berm will help to reduce channel maintenance dredging. The Cape Girardeau Flood Protection Project was authorized by the Flood Control Act of 17 May 1950. Construction was begun in February 1956 and completed in June 1964. The project was formally transferred to the local interests in October 1964.

**ADDITIONAL INFORMATION:** Contact Charles Frerker ([charles.f.frerker@mvs02.usace.army.mil](mailto:charles.f.frerker@mvs02.usace.army.mil)) of the Regulatory Branch, U.S. Army Corps of Engineers at (314) 331-8583 for additional information.

**AUTHORITY:** This permit will be processed under the provisions of Section 10 of the Rivers and Harbor Act and Section 404 of the Clean Water Act.

**WATER QUALITY CERTIFICATION:** By issuance of this public notice, the project plans are considered submitted to the Missouri Department of Natural Resources, Water Pollution Control Program for state certification of the proposed work in accordance with Section 401 of the Clean Water Act. The certification, if issued, will express the Agency's opinion that the proposed activities will not violate applicable water quality standards. Written comments concerning possible impacts to waters of Missouri should be addressed to: Water Pollution Control Program, P.O. Box 176, Jefferson City, Missouri 65102-0176, with copy provided to the Corps of Engineers.

**SECTION 404 (b)(1) EVALUATION:** The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404 (b)(1) of the Clean Water Act.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Request for public hearings shall state, with particularity, the reasons for holding the public hearing.

**ENDANGERED SPECIES:** The proposed project is within the range of the endangered Indiana bat (*Myotis sodalis*), Pallid sturgeon (*Scaphirhynchus albus*), Least Tern (*Sterna antillarum*) and the threatened Bald eagle (*Haliaeetus leucocephalus*). A preliminary determination, in compliance with the Endangered Species Act as amended, has been made that this proposed activity is not likely to affect species designated as threatened or endangered, or adversely affect critical habitat. In order to complete our evaluation, comments are solicited by this public notice from the U.S. Fish and Wildlife Service and other interested agencies and individuals.

**CULTURAL RESOURCES:** The St. Louis District will evaluate information provided by the State Historic Preservation Officer and the public in response to this public notice and we may conduct, or require a reconnaissance survey of the project area.

**EVALUATION:** The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that may reasonably be expected to accrue from the described activity must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the described activity will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion, and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of these proposed activities. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Danny D. McClendon  
Chief, Regulatory Branch

Attachments

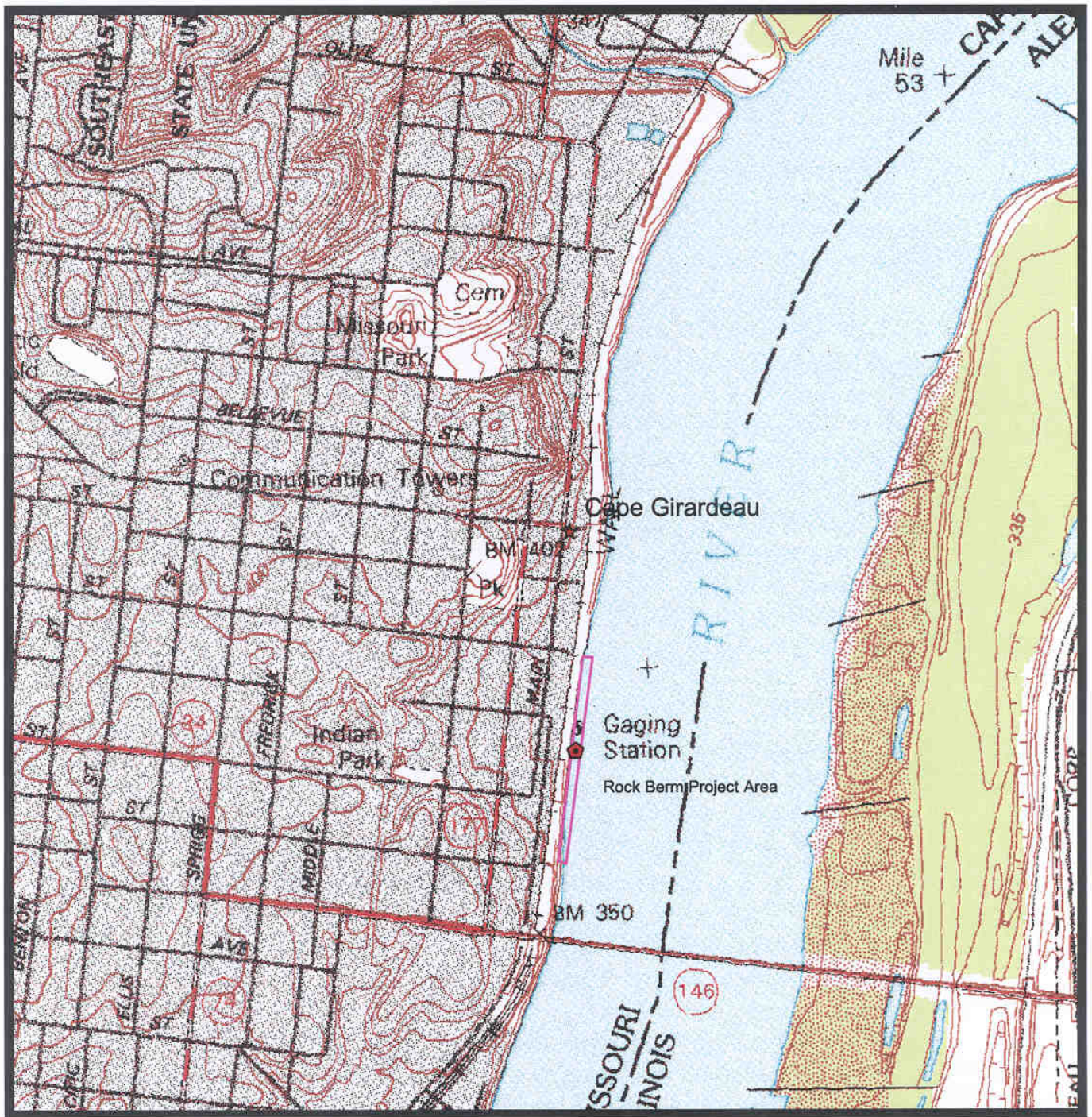
**NOTICE TO POSTMASTERS:**

It is requested that this notice be conspicuously and continually placed for 21 days from the date of this issuance of this notice.



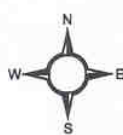
# Cape Floodwall Rock Berm

## P-2482



Jun 23, 2005

Made By: Charles Frerker



State: Missouri  
County: Cape Girardeau  
Nearest City: Cape Girardeau  
Latitude: 37:18:04.5658  
(37.30126829)  
Longitude: -89:31:05.0472  
(-89.51806867)  
UTM X: 0276814.461

UTM Y: 4131063.094  
UTM Zone: 16  
USGS Quad: Cape Girardeau  
HUC 8 Name: Upper Mississippi  
HUC 8 Number: 07140105  
Section:  
Township:  
Range:  
Meridian:



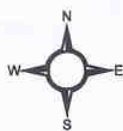
# Cape Floodwall Rock Berm

## P-2482



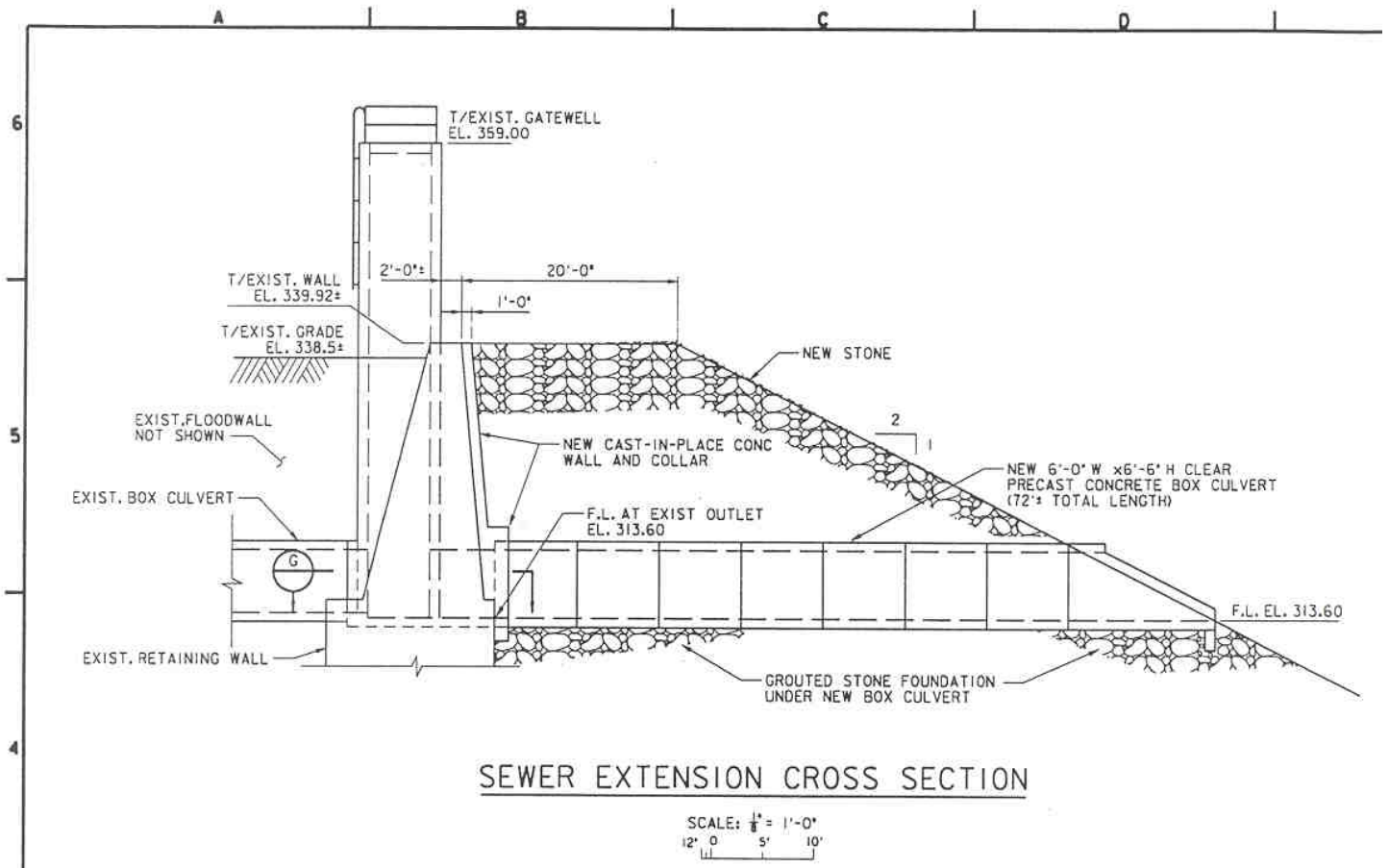
Jun 23, 2005

Made By: Charles Frerker



State: Missouri  
County: Cape Girardeau  
Nearest City: Cape Girardeau  
Latitude: 37:18:04.5115  
(37.30125319)  
Longitude: -89:31:05.1194  
(-89.51808872)  
UTM X: 0276812.639

UTM Y: 4131061.466  
UTM Zone: 16  
USGS Quad: Cape Girardeau  
HUC 8 Name: Upper Mississippi-cape Gi  
HUC 8 Number: 07140105  
Section:  
Township:  
Range:  
Meridian:



P-2482

Cape Girardeau Floodwall  
Rock Cross-Section